



Pra tititioner's Dock t N . CALY-012

# 8

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Patrick A. Worfolk et al.  
Serial No.: 10 / 056,178 Group No.: 2662  
Filed: January 22, 2002 Examiner:  
For: MULTI-PATH DYNAMIC ROUTING ALGORITHM

**Box Missing Part**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

**COMPLETION OF FILING REQUIREMENTS**  
**— NONPROVISIONAL APPLICATION**

*(check and complete this item, if applicable)*

- I. ☒ This replies to the Notice to File Missing Parts of Application (PTO-1533)  
mailed 02/28/2002.

*NOTE: If these papers are filed before the office letter issues, adequate identification of the original papers should be made, e.g., in addition to the name of the inventor and title of invention, the filing date based on the "Express Mail" procedure, the serial number from the return post card or the attorney's docket number added.*

- ☒ A copy of the Notice to File Missing Parts of Application—Filing Date  
Granted (Form PTO-1533) is enclosed.

*NOTE: The PTO requires that a copy of Form PTO-1533 be returned with the response to the notice to file missing parts to the application.*

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

- ☒ deposited with the United States Postal  
Service with sufficient postage as first class  
mail in an envelope addressed to the  
Assistant Commissioner for Patents,  
Washington, D.C. 20231.

**FACSIMILE**

- ☐ transmitted by facsimile to the  
Patent and Trademark Office.

**RECEIVED**

MAR 13 2003

**OFFICE OF PETITIONS**

Date: March 6, 2003

Merle P. Garcia  
Signature

Merle P. Garcia  
(type or print name of person certifying)

03/13/2003 AMONDAF1 00000092 190590 10056178

(Completion of Filing Requirements — Nonprovisional Application [8-1]—page 1 of 6)

01 FC:1460 130.00 CH

## DECLARATION OR OATH

- II. ☒ No declaration or oath was filed. Enclosed is the original declaration or oath for this application.

NOTE: If the correct inventor or inventors are not named on filing a nonprovisional application under § 1.53(b) without an executed oath or declaration under § 1.63, the later submission of an executed oath or declaration under § 1.63 during the pendency of the application will act to correct the earlier identification of inventorship. 37 C.F.R. § 1.48(f)(1).

## OR

- ☐ The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

NOTE: For surcharge fee for filing declaration after filing date complete item VI(3) below.

NOTE: Acceptable minimums in the declaration for identification of the specification to which it applies are the name of the inventor and (1) serial number (2) attorney docket number which was on the application as filed and the filing date (3) title of the invention and filing date (4) title of invention and reference to a specification which is attached to the declaration at the time of execution and filed with the declaration or (5) title of invention and a statement by a registered attorney that the application filed in the PTO is the application which the inventor executed by signing the declaration. If identification (4) is used it must be accompanied by a statement that the "attached" specification is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date; such a statement must be a verified statement if made by a person not registered to practice before the PTO. Notice of September 12, 1983 (1035 O.G. 3).

NOTE: Another minimum found acceptable in the declaration is the filing date (i.e., date of express mail) and the express mail number, useful where the serial number is not yet known. But note the practice where the express mail deposit is a Saturday, Sunday or holiday within the District of Columbia. 37 C.F.R. 1.10(c).

(complete (c) or (d), if applicable)

Attached is a

- (c) ☐ Statement by a registered attorney that the application filed in the PTO is the application that the inventor executed by signing the declaration.
- (d) ☐ Statement that the "attached" specification is a copy of the specification and any amendments thereto that were filed in the PTO to obtain the filing date.

## AMENDMENT CANCELLING CLAIMS

- III. ☐ Cancel claims \_\_\_\_\_ inclusive.

## TRANSMITTAL OF ENGLISH TRANSLATION OF NON-ENGLISH LANGUAGE PAPERS

- IV. ☐ Submitted herewith is an English translation of the non-English language application papers as originally filed. Also submitted herewith is a statement by the translator of the accuracy of the translation. It is requested that this translation be used as the copy for examination purposes in the PTO.

NOTE: For fee processing a non-English application, complete item VI(5) below.

NOTE: A non-English oath or declaration in the form provided by the PTO need not be translated. 37 C.F.R. 1.69(b).

### SMALL ENTITY STATUS

- V. Application was filed w/ small entity status. See 37 CFR 1.27.  
☐ A statement that this filing is by a small entity

(check and complete applicable items)

- ☐ Is attached.  
☐ A separate refund request accompanies this paper.  
☐ was filed on \_\_\_\_\_ (original).

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS

### COMPLETION FEES

VI.

**WARNING:** Failure to submit the surcharge fees where required will cause the application to become abandoned. 37 C.F.R. 1.53.

**NOTE:** For effect on fees of failure to establish status, or change status, as a small entity, see 37 C.F.R. 1.28(a).

1. Filing fee

- ☐ original patent application  
(37 C.F.R. 1.16(a)—\$790.00; Small entity—\$395.00) \$ \_\_\_\_\_  
☐ design application  
(37 C.F.R. 1.16(f)—\$330.00; small entity—\$165.00) \$ \_\_\_\_\_  
\$ \_\_\_\_\_

2. Fees for claims

- ☐ each independent claim in excess of 3  
(37 C.F.R. 1.16(b)—\$82.00; small entity—\$41.00) \$ \_\_\_\_\_  
☐ each claim in excess of 20  
(37 C.F.R. 1.16(c)—\$22.00; small entity—\$11.00) \$ \_\_\_\_\_  
☐ multiple dependent claim(s)  
(37 C.F.R. 1.16(d)—\$270.00; small entity—\$135.00) \$ \_\_\_\_\_

3. Surcharge fees

- ☐ late payment of filing fee

and/or

- ☐ late filing of original declaration or oath  
(37 C.F.R. 1.16(e)—\$130.00; small entity—\$65.00); \$ \_\_\_\_\_

**NOTE:** Even where a facsimile declaration or oath signed by the inventor(s) was part of the originally filed papers, the surcharge fee is required.

**NOTE:** If both the filing fee and declaration or oath were missing from the original papers, only one surcharge fee for both need be paid. 37 C.F.R. 1.16(e).

4. ☒ Petition and fee for filing by other than all the inventors or a person not the inventor (37 C.F.R. 1.17(f) and 1.47—\$130.00) \$ 130.00
5. ☐ Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(k) and 1.52(d)—\$130.00) \$ \_\_\_\_\_
6. ☐ Fee for processing and retention of application (37 C.F.R. 1.21(f) and 1.53(d)—\$130.00) \$ \_\_\_\_\_
7. ☐ Assignment (See "ASSIGNMENT COVER SHEET".)

NOTE: 37 C.F.R. 1.21(f) establishes a fee for processing and retaining any application which is abandoned for failing to complete the application pursuant to 37 C.F.R. 1.53(f) and this, as well as, the changes to 37 C.F.R. 1.53 and 1.78 indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee or the processing and retention fee of § 1.21(f) within 1 year of notification under §1.53(f) must be paid.

Total completion fees \$ 130.00

### EXTENSION OF TIME

#### VII.

(complete (a) or (b), as applicable)

The proceedings herein are for a patent application, and the provisions of 37 C.F.R. 1.136(a) apply.

- (a) ☐ Applicant petitions for an extension of time, the fees for which are set out in 37 C.F.R. 1.17(a)(1)-(4), for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 400.00	\$ 200.00
<input type="checkbox"/> three months	\$ 950.00	\$ 475.00
<input type="checkbox"/> four months	\$1,510.00	\$ 755.00

Fee \$ \_\_\_\_\_

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured, and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

or

- (b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS

**TOTAL FEE DUE**

VIII.

The total fee due is

Completion fee(s) \$ 130.00

Extension fee (if any) \$ \_\_\_\_\_

Total Fee Due \$ 130.00

**PAYMENT OF FEES**

IX.

- ☐ Enclosed is a check in the amount of \$ \_\_\_\_\_
- ☒ Charge Account No. 19-0590 in the amount of \$ 130.00  
A duplicate of this request is attached.

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 C.F.R. 1.22(b).

Please charge Account No. \_\_\_\_\_ for any fees that may be due by this paper

**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

X.

**WARNING:** Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.

NOTE: "Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

- ☒ The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the pendency of this application to Account No. 19-0590

☒ 37 C.F.R. 1.16(a), (f) or (g) (filing fees)

☒ 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

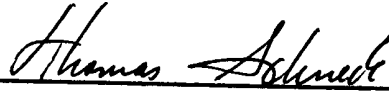
- ☐ 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☐ 37 C.F.R. §§ 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))
- ☐ 37 C.F.R. 1.17 (application processing fees)

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).

- ☐ 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))

NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. 1.311(b).

NOTE: 37 C.F.R. 1.28(b) requires "Notification of any change in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying . . . issue fee . . ." From the wording of 37 C.F.R. 1.28(b): (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.



SIGNATURE OF PRACTITIONER

Reg. No. 24,518

Thomas Schneck

(type or print name of practitioner)

Tel. No.: (408) 297-9733

P.O. Box 2-E

Customer No. 003897

P.O. Address

San Jose, CA 95109-0005

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS



Practitioner's Dock # CALY-012

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Patrick A. Worfolk et al.  
Application No.: 10 / 056,178 Group No.: 2662  
Filed: January 22, 2002 Examiner:  
For: MULTI-PATH DYNAMIC ROUTING ALGORITHM

Box DAC

Assistant Commissioner for Patents  
Washington, D.C. 20231

ATTENTION: Petition Information  
Crystal Park One, Suite 520  
(M.P.E.P. § 1002.02(b), 6th ed., rev. 3)

PETITION FOR REVIVAL OF AN APPLICATION  
FOR PATENT ABANDONED UNAVOIDABLY UNDER 37 C.F.R. § 1.137(a)

NOTE: "In a design application, a utility application filed before June 8, 1995, or a plant application filed before June 8, 1995, any petition to revive pursuant to this section must be accompanied by a terminal disclaimer and fee as set forth in § 1.321 dedicating to the public a terminal part of the term of any patent granted thereon equivalent to the period of abandonment of the application. Any terminal disclaimer pursuant to this paragraph must also apply to any patent granted on any continuing application that contains a specific reference under 35 U.S.C. 120, 121, or 365(c) to the application for which revival is sought. The provisions of this paragraph do not apply to lapsed patents." 37 C.F.R. § 1.137(c).

1. Applicant petitions for the revival of the above-identified application.

NOTE: Extensions under 37 C.F.R. § 1.136 are available only if asked for "prior to or with the response." Accordingly, if the question of abandonment arises when the provisions of § 1.136 can no longer be used then the application is abandoned when the unextended time for response has expired. See Notice of July 9, 1985 (1056 O.G. 60-61). Thus: An application which is abandoned for failure to respond within a set period with no extension fee having been paid, would not require the payment of extension fees as a condition for revival.

2. Nature of abandonment:

(check appropriate box and complete)

- ☐ In an office communication from the PTO dated \_\_\_\_\_, the undersigned has noted that the above-identified application is being forwarded to the Abandoned Files because applicant's response to the Official Action mailed \_\_\_\_\_ has not been received within the statutory period or any extension requested therefor.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Date: March 6, 2003

Merle P. Garcia

Signature

Merle P. Garcia

(type or print name of person certifying)

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS

03/13/2003 AMONDAF1 00000016 190590 10056178

01 FC:2452

55.00 CH

(Petition to Revive Application Abandoned Unavoidably [11-4]—page 1 of 3)

- ☐ The undersigned has reviewed his records and noted that the response to the Official Action mailed \_\_\_\_\_ was not timely filed within the statutory period or any extension requested therefor.

3. Response filed:

*NOTE: The response does not require a request and fee for extension of time as a condition of revival. Notice of July 9, 1985 (1056 O.G. 60-61).*

The proposed response to the Official Action mailed \_\_\_\_\_

- ☐ has been filed on \_\_\_\_\_.
- ☐ is enclosed herewith.

4. Showings from the relevant parties as to the causes of the unavoidable delays are filed herewith; said showing establishes that the entire delay in filing the required reply from the due date for the reply until the filing of this petition was unavoidable. 37 C.F.R. § 1.137(a)(3).

5. It will be seen from the attached showings that the processing procedures have been carefully reviewed and that steps have been taken to avoid repetition of the events which took place in this case so that a similar error will not be made in the future.

6. Terminal disclaimer 37 C.F.R. § 1.137(c):

- ☐ application filed before June 8, 1995
- or ☐ design application

Abandonment took place on the following date \_\_\_\_\_ and:

- ☐ A terminal disclaimer equivalent to the period of abandonment of the application until the date of this petition is attached.

7. Status of applicant:

This application is on behalf of

- ☒ small business entity—fee \$55.00      See 37 CFR 1.27.
- ☐ statement already filed on \_\_\_\_\_.
- ☐ statement attached.
- ☐ other than a small business entity—fee \$110.00

*NOTE: The fee is set in 37 C.F.R. § 1.17(f).*

8. Fee payment:

- ☐ Attached is a ☐ check ☐ money order in the amount of \$ \_\_\_\_\_
- ☒ Authorization is hereby made to charge the amount of \$ 55.00
- ☒ to Deposit Account No. 19-0590
- ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should *not* be included on this form as it may become public.

- ☐ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

9. *(complete the following, if applicable)*

- ☐ Because this petition is more than 3 months after the date the Office first notified the applicant that the application is abandoned, applicant additionally submits a showing as to how the delay between the date the applicant was first notified that the application is abandoned and the filing of this petition under 37 C.F.R. § 1.134(b) was unintentional. 62 Fed. Reg. 53,131, 53,159 (Oct. 10, 1997).
- ☐ Because this petition is more than 1 year after the date of abandonment of the application, applicant additionally submits further information as to when applicant (or applicant's representative) first became aware of the abandonment of the application, and a showing as to how the delay in discovering the abandoned status of the application occurred despite the exercise of due care or diligence on the part of the applicant (or applicant's representative). 62 Fed. Reg. 53,131, 53,159 (Oct. 10, 1997).

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS

Reg. No.: 24,518

Tel. No.: ( 408 ) 297-9733

Customer No.: 003897

  
SIGNATURE OF PRACTITIONER

Thomas Schneck  
(type or print name of practitioner)

P.O. Box 2-E  
P.O. Address

San Jose, CA 95109-0005



## UNITED STATES PATENT AND TRADEMARK OFFICE

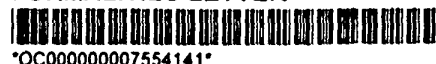
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/056,178	01/22/2002	Patrick A. Worfolk	CALY-012 CIP

003897  
LAW OFFICE OF THOMAS SCHNECK  
P.O. BOX 2-E  
SAN JOSE, CA 95109-0005



CONFIRMATION NO. 1061  
FORMALITIES LETTER



\*OC00000007554141\*

Date Mailed: 02/28/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

RECEIVED

MAR 13 2003

OFFICE OF PETITIONS